L Number	Hits	Search Text	DB	Time stamp
7	2	369/$7.ccls. and (((three "3") adj spot adj (method detect$4)) with (improv$5 enhanc$5 better)) and (diffraction adj grating)	USPAT	2004/05/19 09:56
8	1	369/$7.ccls. and (((multiple plural$3 several) adj (spot beam) adj (method detect$4)) with (improv$5 enhanc$5 better)) and (diffraction adj grating)	USPAT	2004/05/19 09:55
9	0	369/$7.ccls. and (((three "3") adj spot adj (method detect$4)) with (prefer$5)) and (diffraction adj grating)	USPAT	2004/05/19 09:56
10	6	369/$7.ccls. and (((three "3" multiple plural$3) adj (spot beam) adj (method detect$4)) with (prefer$5)) and (diffraction adj grating)	USPAT	2004/05/19 10:58
17	17	369/$7.ccls. and (step$1wise same grating)	USPAT	2004/05/19 10:59
18	12	("4731772" | "4757197" | "4876680" | "4929823" | "4945529" | "4983017" | "5065380" | "5111448" | "5111449" | "5161135" | "5161148" | "5293367").PN.	USPAT	2004/05/19 11:16
19	4	("4358200" | "4665310" | "4731772" | "4929823").PN.	USPAT	2004/05/19 11:16
-	548	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal))	USPAT	2003/11/26 09:19
-	30	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural$3 multiple second) near (beam near spot))	USPAT	2003/11/26 10:06
-	37	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural$3 multiple second) near (beam near spot))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/26 10:02
-	32	takasuka-shoichi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 11:16
-	81	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural$3 multiple second) near ((beam light) near spot))	USPAT	2003/12/01 09:47
-	2	("5272723" | "5400312").PN.	USPAT	2003/11/26 11:02
-	10	("5138592" | "5301175" | "5412630" | "5523989" | "5751680" | "5828637" | "5859818" | "6246648" | "6493296" | "6507544").PN.	USPAT	2003/11/26 11:03
-	4	("5148424" | "5168487" | "5623461" | "5671200").PN.	USPAT	2003/11/26 11:06

–	11	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural$3 multiple second) near ((beam light) near spot)) and ((different second plural$3) near wave$1length) and (hoe hologra$4 diffraction grating)	USPAT	2003/11/26 14:24
–	17	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural$3 multiple second) near ((beam light) near spot)) and ((different second plural$3) near wave$1length)	USPAT	2003/11/26 14:24
–	1	369/$7.ccls. and (rim$1intensity "rim intensity") and (369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)))	USPAT	2003/11/26 12:41
–	13	369/$7.ccls. and (rim$1intensity "rim intensity")	USPAT	2003/11/26 12:44
–	20	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((plural$3 multiple second) near ((beam light) near spot)) and ((different second plural$3) near wave$1length) and (hoe hologra$4 diffraction grating)	USPAT	2003/11/26 14:43
–	2	(369/112.07 369/112.12).ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((plural$3 multiple second) near ((beam light) near spot)) and ((different second plural$3) near wave$1length) and (hoe hologra$4 diffraction grating)	USPAT	2003/11/26 14:45
–	9	(369/112.07 369/112.12).ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((plural$3 multiple second) near ((beam light) near spot))	USPAT	2003/11/26 14:49
–	48	(369/112.07 369/112.12).ccls. and ((cd$3 same dvd$4) ((plural second multiple different) near wavelength))	USPAT	2003/11/26 15:10
–	72	(369/112.07 369/112.12).ccls. and (((plural$3 multiple second two) near (laser ((light radiation) near (source emitter)))) ((plural$3 second multiple different two) near wavelength))	USPAT	2003/11/26 15:13
–	20	(369/112.07 369/112.12).ccls. and (((plural$3 multiple second two) near (laser ((light radiation) near (source emitter)))) ((plural$3 second multiple different two) near wavelength)) and ((plural$3 second multiple different two three) near spot)	USPAT	2003/11/26 15:56
–	6	("6207942" "6366548" "6067283" "6404709" "6084843" "6385158").pn.	USPAT	2003/11/26 16:01
–	16	ohyama-minoru.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/26 16:01

-	37	katsuma-toshiaki.in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 09:25
-	0	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural$3 multiple second) near ((beam light) near spot)) and (((step step$1wise) near (grating groove depth)) same diffraction)	USPAT	2003/12/01 09:55
-	0	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((plural$3 multiple second) near ((beam light) near spot)) and (((step step$1wise) near (grating groove depth)) same diffraction)	USPAT	2003/12/01 09:49
-	0	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and (((step step$1wise) near (grating groove depth)) same diffraction)	USPAT	2003/12/01 09:49
-	8	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and (((step step$1wise) near (grating groove depth)))	USPAT	2003/12/01 09:49
-	5	369/$7.ccls. and ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) and ((radial track pit$1row "pit row" groove) near (direction parallel tangent perpendicular normal)) and ((plural$3 multiple second) near ((beam light) near spot)) and ((heat near sink) same (laser ((light radiation) near (source emit$4))))	USPAT	2003/12/01 10:01
-	3	("5391865" | "5475670" | "5777973").PN.	USPAT	2003/12/01 09:57
-	3	369/$7.ccls. and ((heat near sink) same ((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))))	USPAT	2003/12/01 10:02
-	5	369/$7.ccls. and ((heat near sink) same (((plural$3 multiple second) near (laser ((light radiation) near (source emit$4)))) (laser near array)))	USPAT	2003/12/01 10:26
-	0	369/$7.ccls. and ((objective near lens) near package)	USPAT	2003/12/01 10:27
-	104	369/$7.ccls. and ((objective near lens) same package)	USPAT	2003/12/01 11:05
-	39	369/$7.ccls. and ((objective near lens) same package) and ((plural$3 multiple second two) near (laser ((light radiation) near (source emitter))))	USPAT	2003/12/01 11:07
-	18	369/$7.ccls. and ((objective near lens) same package) and ((plural$3 multiple second two) near (laser ((light radiation) near (source emitter)))) and actuator	USPAT	2003/12/01 11:07
-	380	maruyama-koichi.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 11:17
-	46	maruyama-koichi.in. and 369/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/01 11:17
-	121	369/$7.ccls. and ((three "3") adj spot adj (method detect$4))	USPAT	2004/05/18 15:43

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-	54	369/$7.ccls. and ((three "3") adj spot adj (method detect$4)) and (diffraction adj grating)	USPAT	2004/05/18 15:54
-	1115	ohnishi.in.	USPAT	2004/05/18 15:45
-	16	ohnishi-kunikazu.in.	USPAT	2004/05/18 15:45
-	6	takasuka-shoichi.in.	USPAT	2004/05/18 15:47
-	4	369/$7.ccls. and ((three "3") adj spot adj (method detect$4)) and (diffraction adj grating) and (compatib$5 with (((plural$3 multiple different) near3 (medium disc disk)) (cd$4 with dvd$4)))	USPAT	2004/05/18 16:00
-	26	369/$7.ccls. and ((three "3") adj spot adj (method detect$4)) and (diffraction adj grating) and ((((plural$3 multiple different) near3 (medium disc disk)) (cd$4 with dvd$4)))	USPAT	2004/05/19 09:51
-	1	"5751680".PN.	USPAT	2004/05/18 16:12
-	1	5963515.URPN.	USPAT	2004/05/18 16:12
-	40	369/$7.ccls. and (((two several multiple different plural$3) near3 grating) with (combin$$5 replac$5 instead))	USPAT	2004/05/18 18:01
-	21	369/$7.ccls. and (saw$1tooth$7 blaz$3) and ((three "3") adj spot)	USPAT	2004/05/18 18:35
-	20	("4774522" | "4809251" | "4873680" | "4932017" | "5034940" | "5063546" | "5206853" | "5233589" | "5282185" | "5321680" | "5345434" | "5347505" | "5404345" | "5414689" | "5418770" | "5450381" | "5517481" | "5524103" | "5557592" | "5566158").PN.	USPAT	2004/05/18 18:14
-	113	369/$7.ccls. and (saw$1tooth$7 blaz$3) and ((three "3") adj beam)	USPAT	2004/05/18 18:36
-	45	369/$7.ccls. and (saw$1tooth$7 blaz$3) and ((three "3") adj beam adj method)	USPAT	2004/05/18 18:36